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(54) Title: **PHARMACEUTICAL PRODUCT COMPRISING TISSUE OF THE MALE VEGETAL REPRODUCTIVE SYSTEM**

(57) Abstract: The present invention discloses pharmaceutical products useful for the treatment of allergies, autoimmune diseases, vaccination of mammals, as well as for *in vitro* diagnostics. These products preferably comprise pollen grains having altered protein composition by means of genetic modification in the plant that produces them. The production process of the present invention comprises the cultivation of genetically modified plants capable of producing pollen grains having modified molecular composition.

WO 2005/046704 A1